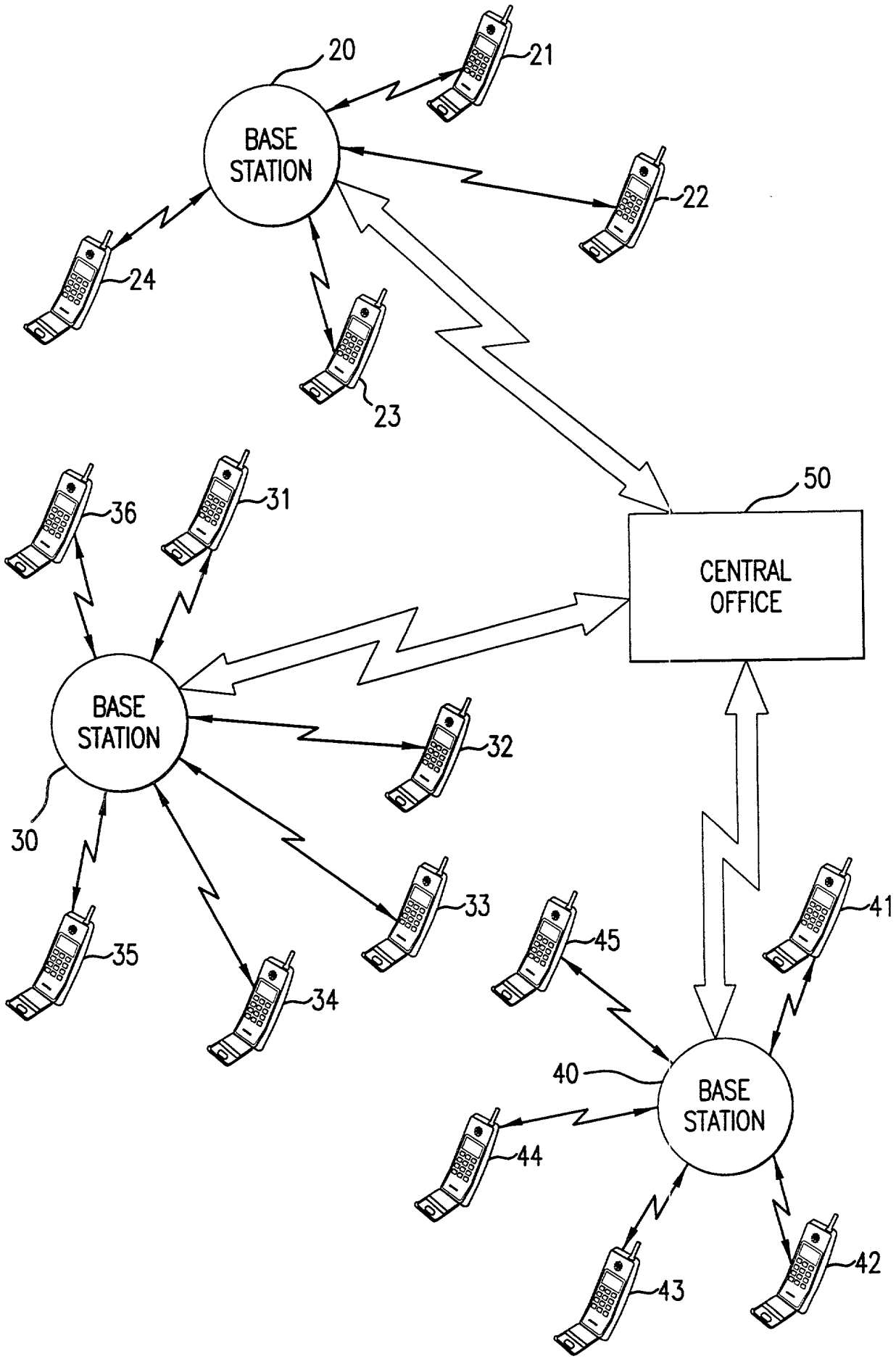
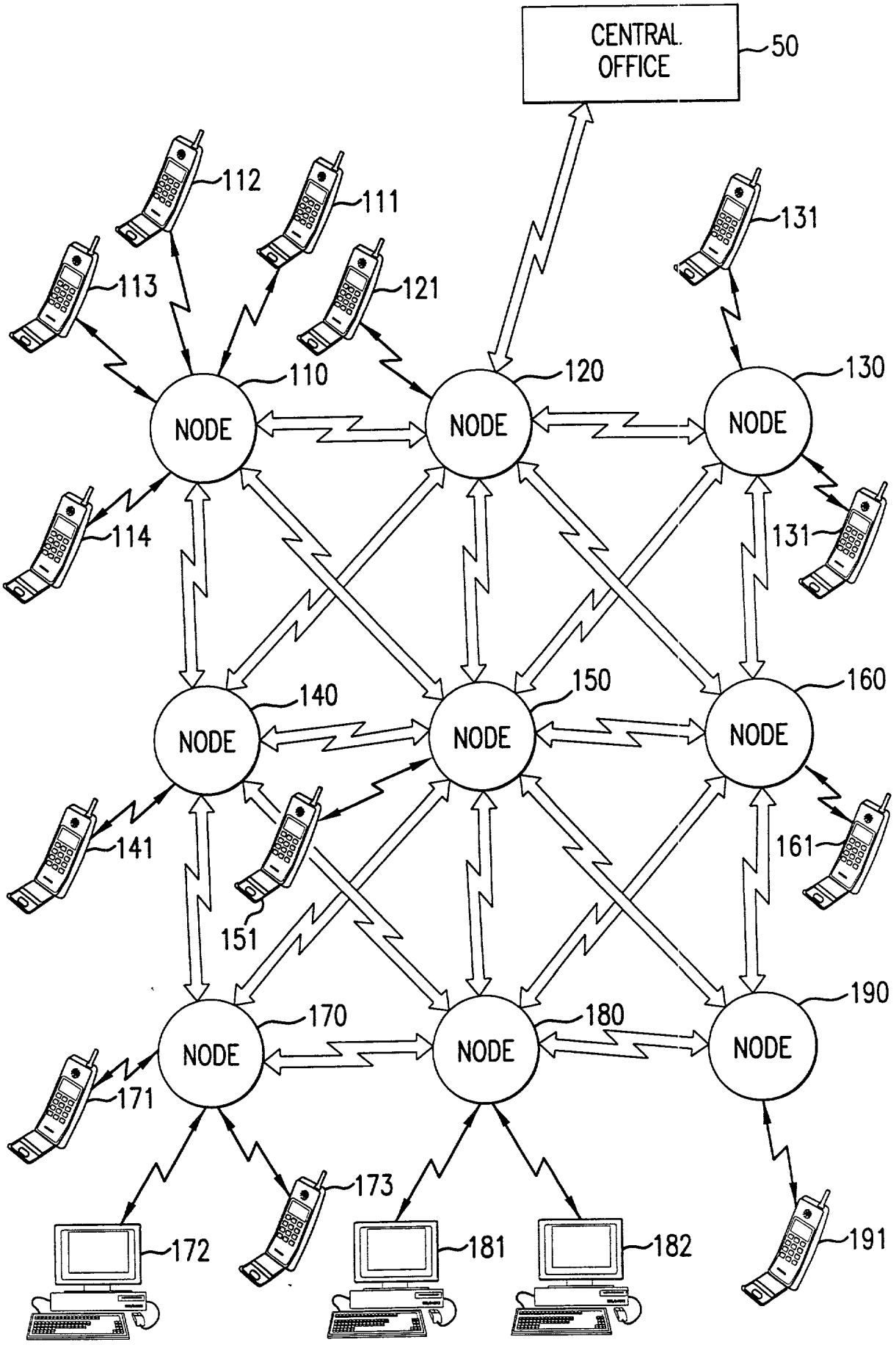


FIG. 1 PRIOR ART


CENTRAL OFFICE
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112
111
113
121
131
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120
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NODE
NODE
NODE
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140
150
160
NODE
NODE
NODE
141
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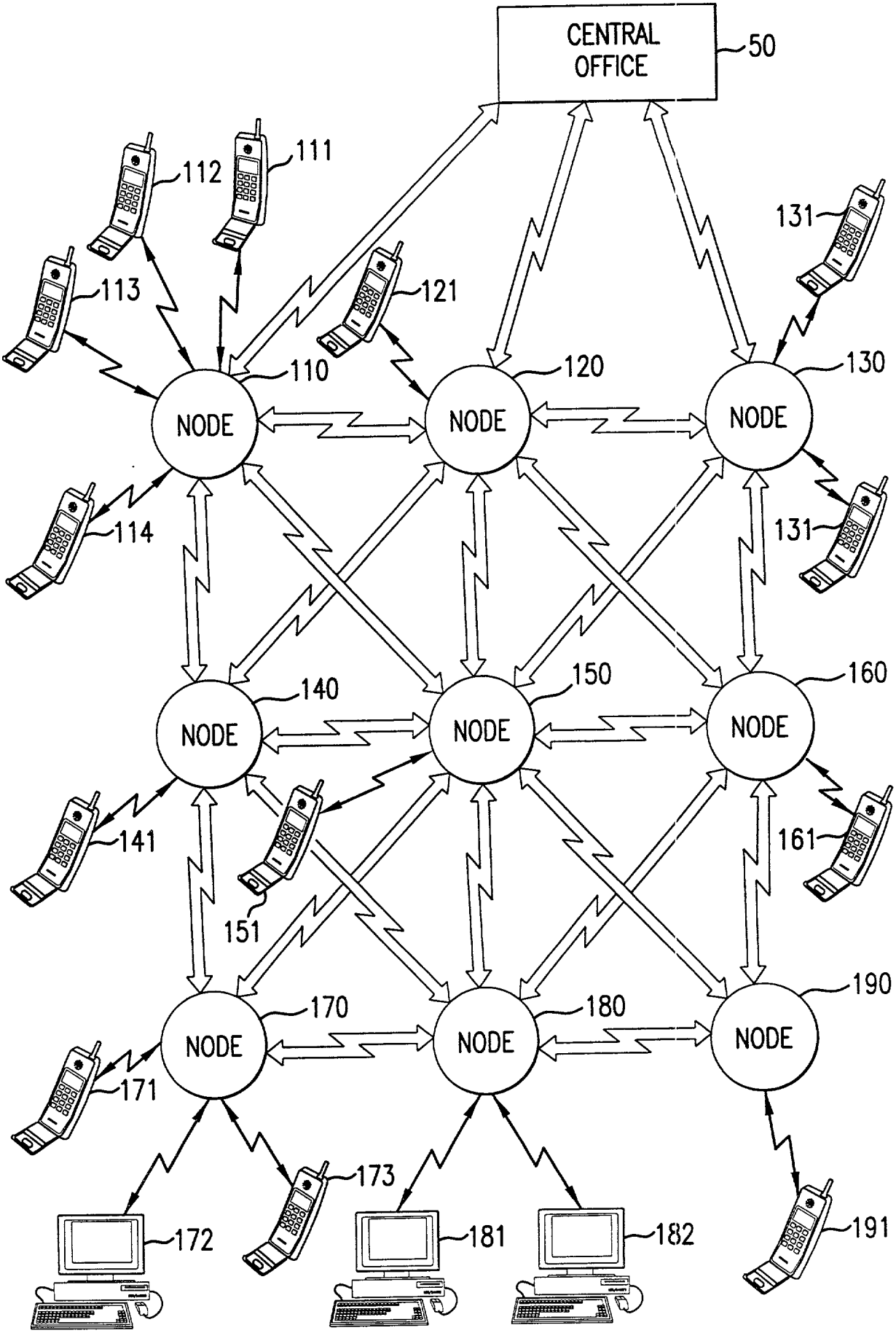
151
170
180
190
NODE
NODE
NODE
171
173
172
181
182
191

FIG.2


CENTRAL OFFICE
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NODE
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NODE
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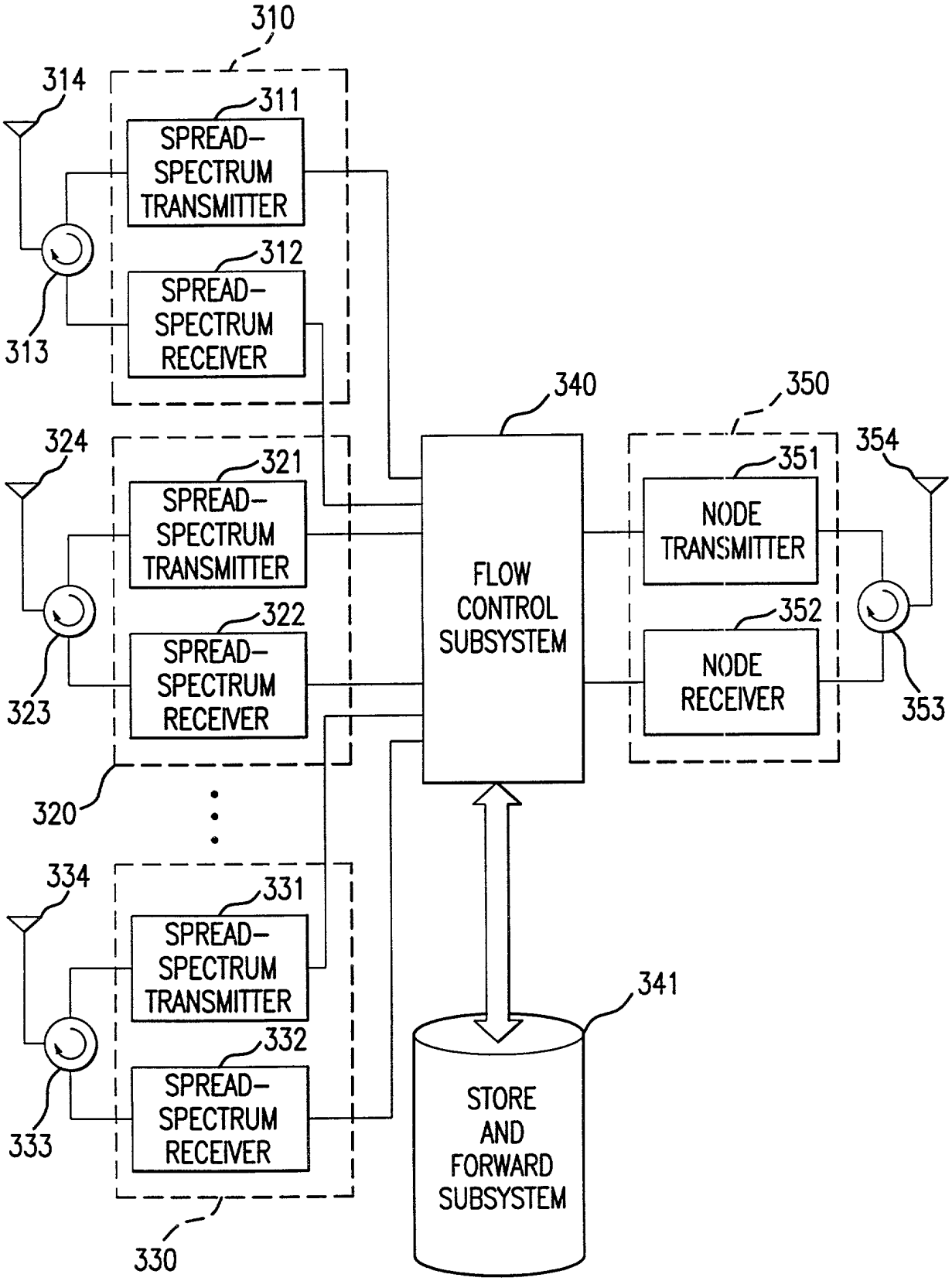
173
181
182
191

FIG.3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SPREAD-SPECTRUM TRANSMITTER
312
SPREAD-SPECTRUM RECEIVER
313
340
350
324
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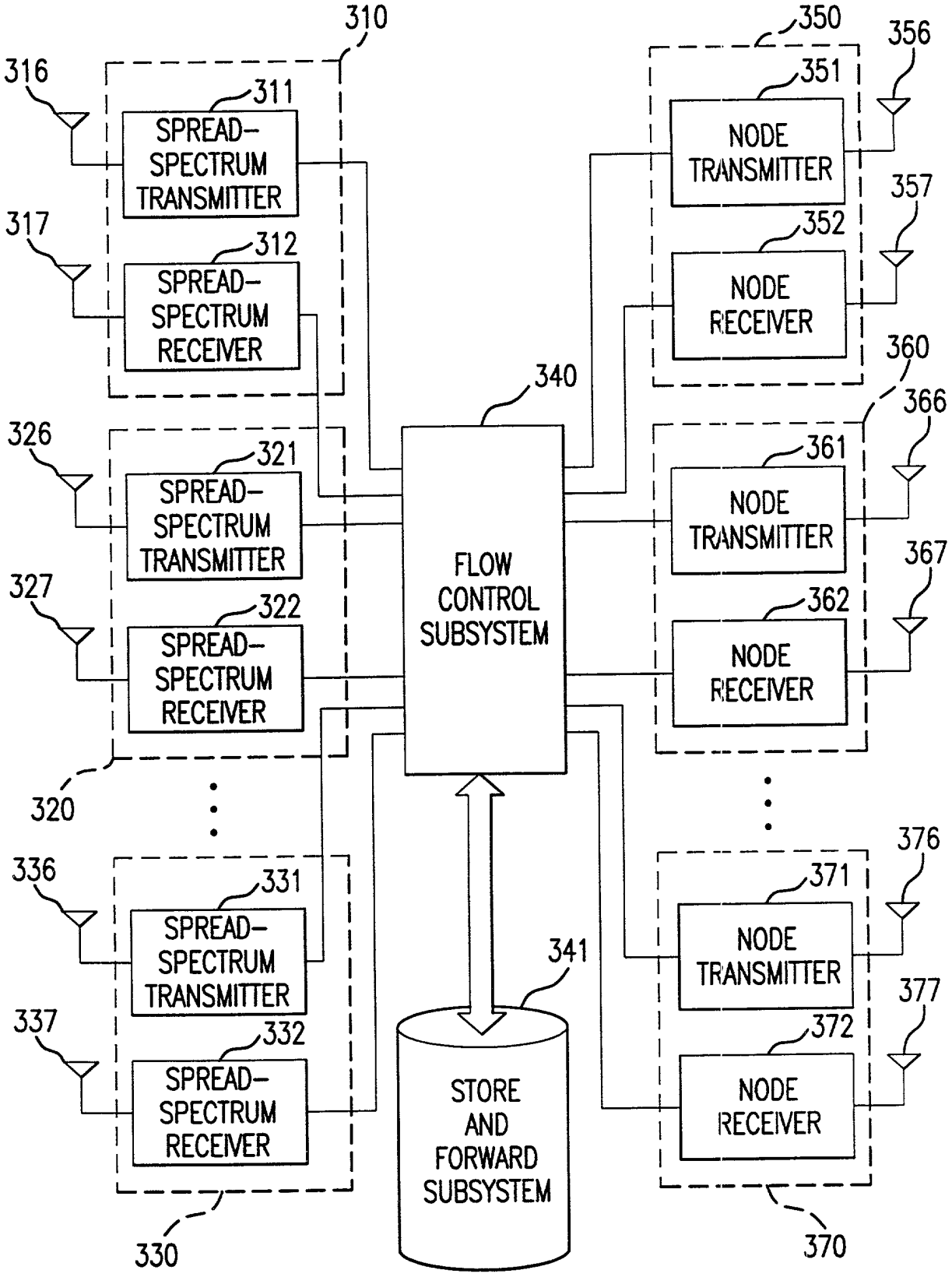
SPREAD-SPECTRUM TRANSMITTER
322
SPREAD-SPECTRUM RECEIVER
323
FLOW CONTROL SUBSYSTEM
351
NODE TRANSMITTER
352
NODE RECEIVER
354
353
320
334
331
SPREAD-SPECTRUM TRANSMITTER
332
SPREAD-SPECTRUM RECEIVER
333
341
STORE AND FORWARD SUBSYSTEM
330

FIG.4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SPREAD-SPECTRUM TRANSMITTER
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SPREAD-SPECTRUM RECEIVER
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327
322
SPREAD-SPECTRUM RECEIVER
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336
331
SPREAD-SPECTRUM TRANSMITTER
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332
SPREAD-SPECTRUM RECEIVER
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FLOW CONTROL SUBSYSTEM
341
STORE AND FORWARD SUBSYSTEM
350
356
351
NODE TRANSMITTER
357
352
NODE RECEIVER
360
366
361
NODE TRANSMITTER
367
362
NODE RECEIVER
370
376
371
NODE TRANSMITTER
377
372
NODE RECEIVER

FIG.5

DOCKET TS6826CD

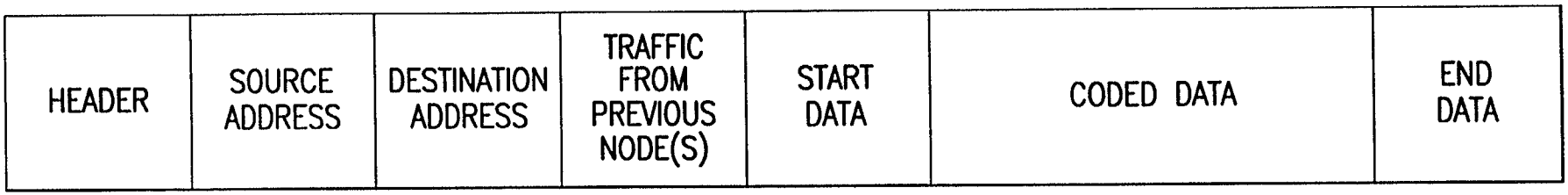

FIG.6